

DERWENT-ACC-NO: 2003-532858

DERWENT-WEEK: 200350

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TITLE: Medication adherence system includes  
medication adherence tray adapted to comprise  
prescription data communication device, docking station  
adapted to receive tray, and medication-filled  
containers comprising sensor  
tag

INVENTOR: RAMBAUGH, R; RYAN, C ; VONK, G

PATENT-ASSIGNEE: BECTON DICKINSON & CO[BECT]

PRIORITY-DATA: 2001US-334101P (November 30, 2001)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
WO 2003048919 A1		June 12, 2003	E
038	G06F 007/00		

DESIGNATED-STATES: AE AG AL AM AT AU AZ BA BB BG BR BY BZ  
CA CH CN CO CR CU CZ  
DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT  
RO RU SC SD SE SG  
SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AT  
BE BG CH CY CZ DE  
DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA  
PT SD SE SK SL SZ  
TR TZ UG ZM ZW

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
WO2003048919A1	N/A	
2002WO-US37804	November 26, 2002	

INT-CL (IPC): G06F007/00

ABSTRACTED-PUB-NO: WO2003048919A

BASIC-ABSTRACT:

NOVELTY - A medication adherence system comprises a medication adherence tray adapted to comprise a first communication device for receiving and transmitting prescription data; a docking station adapted to receive the medication adherence tray and comprise the first communication device; and medication-filled containers comprising a sensor tag.

DETAILED DESCRIPTION - A medication adherence system comprises a medication adherence tray (10) adapted to comprise a first communication device (140) for receiving prescription data from a prescription data storage device and transmitting it to the docking station; a docking station (20) adapted to receive the medication adherence tray and comprise the first communication device for communicating with the medication adherence tray the prescription data; and medication-filled containers (30) comprising a sensor tag.

An INDEPENDENT CLAIM is also included for a method of using a medication adherence tray by filling containers with medications; loading the filled containers onto the medication adherence tray; transferring prescription data from an external device to a memory storage device on the medication adherence tray; downloading the prescription data from the memory storage device on the medication adherence tray to a docking station; and conveying prescription data to a patient using the medications.

USE - For assisting patients in adhering to medication

schedules.

ADVANTAGE The medication adherence system of the invention reduces the time required to optimize and customize therapies for patients.

DESCRIPTION OF DRAWING(S) - The figure shows a medication adherence system of the invention.

Medication adherence tray 10

Docking station 20

Receptacles 25

Medication-filled containers 30

Smart tag 40

Communication device 60, 120, 140

Monitoring devices 70

Acoustical, visual and tactile devices 80, 90, 100

CHOSEN-DRAWING: Dwg.1/8

TITLE-TERMS: MEDICATE ADHERE SYSTEM MEDICATE ADHERE TRAY  
ADAPT COMPRISE

PREScribed DATA COMMUNICATE DEVICE DOCK STATION  
ADAPT RECEIVE TRAY  
MEDICATE FILLED CONTAINER COMPRISE SENSE TAG

DERWENT-CLASS: B04 B07 S05 T01 T04 W01 W02

CPI-CODES: B04-B04D5; B04-J03A; B10-A07; B11-C03; B11-C06;  
B11-C09; B12-K04A;

EPI-CODES: S05-M02; T01-C03C; T01-J06A; T04-K02;  
W01-A07H2A; W01-A07H3;  
W02-G02C7; W02-G05B;

CHEMICAL CODES:

Chemical Indexing M2 \*01\*

Fragmentation Code

H4 H405 H484 H8 J4 J471 K0 L8 L814 L821  
L831 M280 M315 M321 M332 M344 M349 M381 M391 M416

M424 M620 M740 M750 M904 M905 M910 N101 N102  
Specfic Compounds  
00038K 00038A

Chemical Indexing M1 \*02\*  
Fragmentation Code  
M417 M423 M424 M740 M760 M905 N101 N102  
Specfic Compounds  
A00GTK A00GTZ

Chemical Indexing M1 \*03\*  
Fragmentation Code  
M423 M424 M740 M781 M905 N101 N102  
Specfic Compounds  
01851K 01851U 06675K 06675U

Chemical Indexing M6 \*04\*  
Fragmentation Code  
M905 R150 R170 R501 R515 R529 R536 R611 R639 R760  
R770

SECONDARY-ACC NO:

CPI Secondary Accession Numbers: C2003-144072

Non-CPI Secondary Accession Numbers: N2003-422743

